

## **Fire Suppression and Alarm System Control Program – Blue Ridge Parkway**

The intent of this Standard Operational Procedure (SOP) is to accompany the Park's Structural Fire Management Plan (SFMP). This SOP will not delegate responsibility for the prevention of structural fire, Enforcement of the SFMP, or the administration of the policy.

### **Structural Fire Mission Statement**

The National Park Service enabling legislation, as well as other statutes, charges the service with preserving and protecting human life and the resources entrusted to its management. These resources include buildings and structures, irreplaceable cultural resources, valuable property, and infrastructure.

The National Park Service must maintain a structural fire capability that meets the diversity and complexity of the different units of the System. The structural fire program provides service-wide policy, standards, operational procedures and accountability. The program goals are to ensure that all areas within the system have an appropriate level of structural fire protection that is provided in a safe and cost effective manner by qualified personnel.

### **1) Purpose of this Policy:**

- a) To insure that all water-based protection systems shall be tested annually in accordance with NFPA 25. A copy of all test reports including repairs, replacement parts and other comments shall be submitted to the Blue Ridge Parkway Chief of Maintenance and Engineering within 30 days of completion. These reports and/or records shall be maintained on file for a minimum of four years.
- b) To insure that all fire alarm systems are tested annually and in accordance with the NFPA 72. A copy of test reports, replacement parts, and other comments shall be submitted to the Park's Chief of Maintenance and Engineering. All submitted documents relating to a fire alarm system shall be kept on file for a minimum of four years.
- c) To assure regular fire and life safety inspections of buildings and fire systems, all annual drills, and fire & life safety inspections shall be documented and submitted to the Park's Chief of Maintenance and Engineering.
- d) To assure new construction and major building renovations are reviewed by qualified fire protection subject matter experts.
- e) Identify structures with existing Fire Protection Systems. Work to assure they are properly inspected, tested and maintained by qualified persons.
- f) Correct deficiencies identified in Fire Protection Condition Assessments (FPCA).
- g) All training relating to fire and life safety shall be documented and submitted to the Park's Chief of Maintenance and Engineering.
- h) To establish a Fire Suppression System Control Program.
- i) This policy will comply with the National Fire Alarm Codes - NFPA 72, Water-Based Fire Protection Systems-NFPA 25, and the Life Safety Code –NFPA 101.
- j) To ensure that the park is meeting requirements outlined in the Structural Fire Management Plan.

## **2) Annual Reporting of Test Inspections.**

- a) All water-based protection systems shall be tested annually in accordance with NFPA 25. A copy of all test reports including repairs, replacement parts and other comments shall be submitted to the Park's Chief of Maintenance and Engineering within 30 days of completion. These reports and/or records shall be maintained on file for a minimum of four years.
- b) All fire alarm systems shall be tested annually in accordance with NFPA 72. A copy of all test reports including repairs, replacement parts and other comments shall be submitted to the Park's Chief of Maintenance and Engineering within 30 days of completion. These reports and/or records shall be maintained on file for a minimum of four years.
- c) Regular fire and life safety inspections of building and fire systems. All drills and fire/life safety inspections shall be documented and submitted to the Park's Chief of Maintenance and Engineering.
- d) Training. All training relating to Fire and Life Safety shall be documented and submitted to the Park's Chief of Maintenance and Engineering.

## **3) Qualified inspectors and testers.**

- a) The inspections of water-based protection systems shall be conducted by qualified professionals only, or Regional AHJ approved persons.
- b) Qualified inspectors shall be approved in writing by the Park's Chief of Maintenance and Engineering.
- c) The inspector / tester will be responsible for repairing, replacing malfunctioned parts, insuring all alarms and monitoring devices are operational as well as all portions of the system is ready for operation upon completion of the **test/inspection**.

## **4) Fire Protection System and/or Fire Alarm System Repairs.**

- a) Any repairs to fire protection systems that include using replacement parts shall be documented in writing and included in the annual inspection reports.
- b) Replacement parts shall meet requirements set forth by the NFPA 72, NFPA 101, and the NFPA 25.
- c) Repairs to any components of a sprinkler and fire alarm system must be conducted by trained and competent personnel.
- d) At no point shall ANY modifications be done to a NPS Fire Protection System without approval through the Chief Of Maintenance & Engineering.
- e) Any Modifications, suggestions or Variances/Waivers must be submitted in writing to the Park's Chief of Maintenance and Engineering for approval before beginning work.